ST525101 – Bachelor of Engineering (Honours) in Civil Engineering (Part-time)

D. Programme Overview and Curriculum

The following tables give an overview and a summary of the overall curriculum structure for the Degree Programme:

1	GEGEOOO	Module Title	QF Level	Po	ints
	GEC5202	English for Academic Studies 2	5	3	24
Y5-S1 2 3	GEE	GE Elective 2	5	3	
	SCE5201	Advanced Engineering Mathematics	5	3	
4	GEC5102	Chinese 2	5	3	
5	GEE	GE Elective 3	5	3	
6	SCE5361	Highway Engineering	5	3	
7	GEC5206	English for Professional Purposes	5	3	
Y5-S3 [@] 8	SCE5362	Transportation Engineering	5	3	
			Year-5 Sub-total		24
1	GEE	GE Elective 4	5	3	24
2	SCE5321	Theory of Structures 2	5	3	
3	SCE5331	Geotechnical & Foundation Engineering	5	3	
4		Programme Elective 1	5	3	
5	SCE5322	Design of Structures 2	5	3	
6	SCE5381	Project Management	5	3	
7		Programme Elective 2	5	3	
8	SCE5431	Earthwork Engineering	5	3	
9	SCE4309	Industrial Attachment	4	(3)#	
			Year-6 Sul	b-total	24
1		Programme Elective 3	5	3	18
2	SCE5461	Sustainability & Infrastructure Design	5	3	
3	SCE5498	Final Year Project 1	5	3	
4	SCE5471	Engineers in Society	5	3	
5	SCE5499	Final Year Project 2	5	6	
Year-7 Sub-total				18	
	5 6 7 8 1 2 3 4 5 6 7 8 9	5 GEE 6 SCE5361 7 GEC5206 8 SCE5362 1 GEE 2 SCE5321 3 SCE5331 4 5 SCE5322 6 SCE5381 7 8 SCE5431 9 SCE4309 1 2 SCE5461 3 SCE5498 4 SCE5471	5 GEE GE Elective 3 6 SCE5361 Highway Engineering 7 GEC5206 English for Professional Purposes 8 SCE5362 Transportation Engineering 1 GEE GE Elective 4 2 SCE5321 Theory of Structures 2 3 SCE5331 Geotechnical & Foundation Engineering 4 Programme Elective 1 5 SCE5322 Design of Structures 2 6 SCE5381 Project Management 7 Programme Elective 2 8 SCE5431 Earthwork Engineering 9 SCE4309 Industrial Attachment 1 Programme Elective 3 2 SCE5461 Sustainability & Infrastructure Design 3 SCE5498 Final Year Project 1 4 SCE5471 Engineers in Society 5 SCE5499 Final Year Project 2	5 GEE GE Elective 3 5 6 SCE5361 Highway Engineering 5 7 GEC5206 English for Professional Purposes 5 8 SCE5362 Transportation Engineering 5 Year-5 Sul 1 GEE GE Elective 4 5 2 SCE5321 Theory of Structures 2 5 3 SCE5321 Theory of Structures 2 5 4 Programme Elective 1 5 5 SCE5322 Design of Structures 2 5 6 SCE5381 Project Management 5 7 Programme Elective 2 5 8 SCE5431 Earthwork Engineering 5 9 SCE4309 Industrial Attachment 4 1 Programme Elective 3 5 2 SCE5461 Sustainability & Infrastructure Design 5 3 SCE5498 Final Year Project 1 5 4 SCE5499 <td>5 GEE GE Elective 3 5 3 6 SCE5361 Highway Engineering 5 3 7 GEC5206 English for Professional Purposes 5 3 8 SCE5362 Transportation Engineering 5 3 8 SCE5362 Transportation Engineering 5 3 1 GEE GE Elective 4 5 3 2 SCE5321 Theory of Structures 2 5 3 3 SCE5331 Geotechnical & Foundation Engineering 5 3 4 Programme Elective 1 5 3 5 SCE5322 Design of Structures 2 5 3 6 SCE5381 Project Management 5 3 7 Programme Elective 2 5 3 8 SCE5431 Earthwork Engineering 5 3 9 SCE4309 Industrial Attachment 4 (3)# 1 Programme Ele</td>	5 GEE GE Elective 3 5 3 6 SCE5361 Highway Engineering 5 3 7 GEC5206 English for Professional Purposes 5 3 8 SCE5362 Transportation Engineering 5 3 8 SCE5362 Transportation Engineering 5 3 1 GEE GE Elective 4 5 3 2 SCE5321 Theory of Structures 2 5 3 3 SCE5331 Geotechnical & Foundation Engineering 5 3 4 Programme Elective 1 5 3 5 SCE5322 Design of Structures 2 5 3 6 SCE5381 Project Management 5 3 7 Programme Elective 2 5 3 8 SCE5431 Earthwork Engineering 5 3 9 SCE4309 Industrial Attachment 4 (3)# 1 Programme Ele

Note:

The actual delivery of the modules is subject to the arrangement of the respective Department/ School.

^{**} The Industrial Attachment module (Module Code SCE4309) is Work-integrated Learning module which must be completed before graduation. It is assessed on a Pass/Fail basis and will not be counted as part of the required minimum number of CPs for graduation or included in the calculation of the Grade Point Average. All students are also required to complete the "green card" training and elementary first aid training.

[©] Summer Semester

GEC4305 has been renamed from "Technology, Society & Work" to "A.I. & Blockchain in Society & Work" effective from Semester One, AY2024/25. Students who have taken the module "Technology, Society & Work" before Semester One, AY2024/25 do not require to take the module "A.I. & Blockchain in Society & Work" to fulfil the graduation requirement.